



#5

## SEQUENCE LISTING

<110> Jacobs, Kenneth  
Pittman, Debra  
Fouser, Lynette  
Spaulding, Vikki  
Xuan, Dejun

<120> Composition and Method for Treating Inflammatory Disorders

<130> GI5358 CIP

<140> 10/084,298  
<141> 2002-02-25

<150> 60/270,823  
<151> 2001-02-23

<150> 60/281,353  
<151> 2001-04-03

<150> 60/131,473  
<151> 1999-04-28

<150> 09/561,811  
<151> 2000-04-28

<160> 10

<170> PatentIn Ver. 2.1

<210> 1  
<211> 1191  
<212> DNA  
<213> Homo sapiens

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caccagctgc ctcccttctt tggccctctt ggtacaggga ggaggcagctg cgcccatcag 180  
ctcccaactgc aggtttgaca agtccaaactt ccagcagccc tatacacca accgcaccc 240  
catgctggct aaggaggctt gcttggctga taacaacaca gacgttcgtc tcattgggaa 300  
gaaactgttc cacggagtcg gtatgagtga gcgctgctat ctgatgaagc aggtgctgaa 360  
cttcaccctt gaagaagtgc tggccctca atctgatagg ttccagccctt atatgcagga 420  
ggtgtggccc ttccctggcca ggctcagcaa caggctaaacg acatgtcata ttgaagggtga 480  
tgacctgcattt atccagagga atgtcaaaaa gctgaaggac acagtggaaaa agcttggaga 540  
gagtggagag atcaaagcaa ttggagaact ggatttgctg tttatgtctc tgagaaatgc 600  
ctgcatttgc ccagagcaaa gctggaaaaat gaataactaa ccccccttcc ctgcttagaaa 660  
taacaattttt atgccccaaa gcgatttttt ttaaccaaaaa ggaagatggg aagccaaact 720  
ccatcatgat ggggtggattt caaatgaaacc cctgcgttag ttacaaagga aaccaatgcc 780  
actttttttt ataaagaccag aaggtagact ttctaagcat agatatttt tgataacatt 840  
tcattgttaac tgggtttctt tacacagaaaa acaattttt ttttaaataa ttgtttttt 900  
ccataaaaaaa gattactttc cattccttta gggggaaaaaaa cccctaaataa gcttcattttt 960  
tccataatca gtactttata ttatataatg tattttttt tattataaga ctgcattttt 1020  
tttatatcat ttatataata tggattttt tataaaaaac tcattcgata ttgctacttg 1080  
agtgttaaggc taatattttt atttatgaca ataattttat agctataaca tgttttttt 1140  
acctcaataaa acacttggat atcctaaaaaa aaaaaaaaaaa aaaggccggcc c 1191

<210> 2  
<211> 179  
<212> PRT  
<213> Homo sapiens

<400> 2  
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1 5 10 15  
Ala Thr Ser Cys Leu Leu Leu Ala Leu Leu Val Gln Gly Gly Ala  
20 25 30  
Ala Ala Pro Ile Ser Ser His Cys Arg Leu Asp Lys Ser Asn Phe Gln  
35 40 45  
Gln Pro Tyr Ile Thr Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser  
50 55 60  
Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe  
65 70 75 80  
His Gly Val Ser Met Ser Glu Arg Cys Tyr Leu Met Lys Gln Val Leu  
85 90 95  
Asn Phe Thr Leu Glu Glu Val Leu Phe Pro Gln Ser Asp Arg Phe Gln  
100 105 110  
Pro Tyr Met Gln Glu Val Val Pro Phe Leu Ala Arg Leu Ser Asn Arg  
115 120 125  
Leu Ser Thr Cys His Ile Glu Gly Asp Asp Leu His Ile Gln Arg Asn  
130 135 140  
Val Gln Lys Leu Lys Asp Thr Val Lys Lys Leu Gly Ser Gly Glu  
145 150 155 160  
Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn  
165 170 175  
Ala Cys Ile

<210> 3  
<211> 1166  
<212> DNA  
<213> Murine

<400> 3  
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tggccgcccag ctgcctgctt ctcattgccc tggggccca ggaggcaat gcgctgcccc 180  
tcaacaccccg gtgcaagctt gaggtgtcca acttccagca gccatacatc gtcaaccgca 240  
cctttatgct ggccaaggag gcccagccttg cagataacaa cacagatgtc cggctcatcg 300  
gggagaaaact gttccgagga gtcagtgcta aggatcagtg ctacctgtat aagcagggtgc 360  
tcaacttcac cctggaagac gttctgctcc cccagtgcaga caggttccag ccctacatgc 420  
aggaggttgtt gcctttcttg accaaaactca gcaatcagct cagtcctgtt cacatcagcg 480  
gtgacgacca gaacatccag aagaatgtca gaaggctgaa ggagacagtg aaaaagcttg 540  
gagagagtgg agagatcaag gcgattgggg aactggacct gctgtttatg tctctgagaa 600  
atgcttgcgt ctgagcgaga agaagctaga aaacgaagaa ctgctccttc ctgccttcta 660  
aaaagaacaa taagatccctt gaatggactt ttttactaaa ggaaagttag aagctaacgt 720

ccatcattat tagaagattt cacatgaaac ctggctcagt tgaaaaagaa aatagtgtca 780  
agttgtccat gagaccagag gtagacttga taaccacaaa gattcattga caatattttta 840  
ttgtcaactga tgatacaaca gaaaaataat gtactttaaa aaattgtttg aaaggaggtt 900  
acctcttcatt ccttttagaaa aaaagcttat gtaacttcat ttccataacc aatattttat 960  
atatgttaagt ttattttata taagtataca ttttatttat gtcagttat taatatggat 1020  
ttatTTATAG aaacatttac tgctatttgc atttagtata aggcaataa tattttatgac 1080  
aataactatg gaaacaagat atcttaggct ttaataaaca catggatatc ataaaaaaaaa 1140  
aaaaaaaaaaaaaaa aaaaaaaaaaagc ggccgc 1166

<210> 4  
<211> 180  
<212> PRT  
<213> Murine

<220>  
<221> VARIANT  
<222> (180)  
<223> Wherein Xaa is any amino acid.

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Ala Ala Ser Cys Leu Leu Leu Ile Ala Leu Trp Ala Gln Glu Ala Asn  
20 25 30  
Ala Leu Pro Val Asn Thr Arg Cys Lys Leu Glu Val Ser Asn Phe Gln  
35 40 45  
Gln Pro Tyr Ile Val Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser  
50 55 60  
Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe  
65 70 75 80  
Arg Gly Val Ser Ala Lys Asp Gln Cys Tyr Leu Met Lys Gln Val Leu  
85 90 95  
Asn Phe Thr Leu Glu Asp Val Leu Leu Pro Gln Ser Asp Arg Phe Gln  
100 105 110  
Pro Tyr Met Gln Glu Val Val Pro Phe Leu Thr Lys Leu Ser Asn Gln  
115 120 125  
Leu Ser Ser Cys His Ile Ser Gly Asp Asp Gln Asn Ile Gln Lys Asn  
130 135 140  
Val Arg Arg Leu Lys Glu Thr Val Lys Lys Leu Gly Glu Ser Gly Glu  
145 150 155 160  
Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn  
165 170 175  
Ala Cys Val Xaa  
180

<210> 5  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide for generation of sense probe

<400> 5 27  
aggatggaga catctgactg ccctacg

<210> 6  
<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide for the generation of sense probe.

<400> 6 56  
gactgataat acgactcact atagggcgaa caatttgac tccgatattg tccaaag

<210> 7  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide for generation of anti-sense probe

<400> 7 27  
acaatttga ctccgatatt gtccaaag

<210> 8  
<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide for generation of anti-sense probe

<400> 8 56  
gactgataat acgactcact atagggcgaa ggatggagac atctgactgc cctacg

<210> 9  
<211> 191  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe for  
IL-22 sequences

<400> 9  
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aacacagatg tccggctcat cggggagaaa ctgttccgag gagtcagtgc taaggatcat 120  
tgctacactga tgaaggcagg tgcacttc acccttggaaac acgttctgtct ccccccagtc 180  
gacaggttcc a 191

<210> 10  
<211> 49  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Amino acid tag

<400> 10  
Met Lys Phe Leu Val Asn Val Ala Leu Val Phe Met Val Val Tyr Ile  
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Ser Tyr Ile Tyr Ala Gly Ser Gly His His His His His Gly Ser  
20 25 30  
Gly Asp Tyr Lys Asp Asp Asp Lys Ala Pro Ile Ser Ser His Cys  
35 40 45

Arg